

VERSITILE RESOURCE COMPUTER-BASED TRAINING SYSTEM**ABSTRACT OF THE DISCLOSURE**

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IN 5 A17 A computer-based training (CBT) system using versatile resources to support multiple training scenarios in a multi-user network environment. The resources are referred to as "versatile" because they are separately stored in memory and independently retrievable for display or play in association with multiple lessons. The CBT system includes an authoring program module that is accessible by a lesson designer to create a number of lessons. Each lesson includes one or more links to versatile resources for display or play in association with the lesson. The CBT system also includes one or more runner program modules that are accessible by lesson takers for running the lessons created with the authoring program module. The CBT system also includes a relational database that is accessible by the runner program modules. The relational database contains administrative information along with information for retrieving desired resources for display or play in association the lessons. That is, as a runner program module runs a lesson, it accesses that relational database "on the fly" to determine information that allows the runner program module to retrieve the resources to be played or displayed as part of the lesson. The versatile resources of the present invention reduce the memory storage requirements for a CBT system capable of supporting multiple training scenarios in a multi-user network environment. The CBT system realistically simulates multi-mode communication systems, and implements progressive mentoring and voice-based progression methodologies.